OK

Depth 6	Contents 7	Reference to last Measurement 8
12453 —		
49811 —		
12453 —		
1245 —		
18091 —		
74717 —		
168770=00		

First & final

AEE|KSD|SBR|99|16-17.
dt-30|7|16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. Improvements to drain & asphalting to roads in Kodreappa Layout in ward No. 8. 258023

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ..... K. Narasimharaju, Sanpalox.

Date of commencement of work ..... 22-06-2016.

BR-406
30.7.16

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate Cost: Rs. 90.00 Lakhs.						
	Tds code: 008-15-0000039 H/A: 82415.						
	AS No. AS/CE(Y&E)/129/14-15 dtd 11.02.2015						
	TS No. TS/EE(ATP)/348/14-15 dtd 11.02.2015						
	WO No. SANP/EE/ATP/WO/53/2016-17 dtd 15.06.2016.						
	Measurement recorded on: 28-07-2016						
1)	Removing AS slabs of drain & cleaning including Cost of all labour tool & machinery complete						
	as per item No. (1) of page 258061	-	-	-	-	846.00 Sqm	
				Carried to		782.10 Sqm	
	@ Rs. 58/-	-	-	-	-	: Rs.	45362.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Refixing stone slabs in cm 1:3 as directed. Qty vide Item No (2)	drains page	& paving in 258064 Limited to @ Rs. 45/-	- - - -		953.00 sft 742.92 sft = Rs.	33424.00
3)	Providing kaccha slabs roughly dressed & fixed in cm 1:6 Qty vide Item No. (3)	selected quality 258064 Limited to @ Rs. 700/-		& complete - - -		105.00 Sqm 105.11 Sqm = Rs.	13577.00
4)	Earthwork excavation by ordinary soil, excavated & side neatly dressed, levelled or directed	manual mean in surface dressed etc complete		leveled depth & lead			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide Item No. (4)
5)	Scarifying existing stone along with their bituminous accepted materials & etc complete. Qty vide Item No (5)

Contents	Reference to last Measurement
7	8
353.00 Sqm	
42.99 Sqm	
= Rft.	557244.00
05.40 Sqm	
05.11 Sqm	
= Rft.	13577.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258024

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item No. (4) 9 page		258062			226.43 Sqm	Sqm
			Limited to			217.20 Sqm	Sqm
			@ Rft. 75/-			= Rft.	16290.00
	5) Scarifying existing stone metal layer upto 75 mm thick along with their bituminious layer properly accepted materials & stacking as directed & complete.						
	Qty vide Item No (5) 9 page		258066			1971.60 Sqm	
			Limited to			1974.50 Sqm	
			@ Rft. 80/-			= Rft.	157960.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providing laying spreading stone aggregates to transport laying desired compaction Qty vide Item no. (6) J page 258067	& compacting graded wet mix macadam, grading & rolling to achieve an complete ordered Limited to @ Rs. 1430/-				429.16 cum 424.90 cum = Rs.	607607.00
7)	Cleaning the existing WBM road surface including removal of binding materials & once freight Matter with wire brushes etc complete. Qty vide item no. (7) J page 258068	Limited to @ Rs. 12/-				2192.0 Sqm 2094.50 Sqm = Rs	25134.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Providing & applying Medium grade bitumen @ 1.10 kg/sqm Qty vide item no. (8)
9)	Providing & laying using crushed aggregate with bituminous rolling & finishing etc complete a

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...ted ...pcalaps, ...ieve ...ected		
..	429.16	sqm
...ed to	424.90	sqm
...	= Rs.	607607.00
... include ...reign		
..	2192.0	Sqm
to	2094.50	Sqm
..	= Rs	251340.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258025

Serial No. ....

Name of Work .... From.................................. To.......................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	Providing & applying primer coat for surface of medium porosity like coarse stabilized soil base @ 1.10 kg/sqm as directed.						
	Qty vide item no. (8) of page	258069	-	-	..	2192.0	Sqm
				limited	to	2094.50	Sqm
			@ Rs.	74/-	..	= Rs.	154993.00
9)	Providing & laying semi dense bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder, transporting, laying rolling finishing to reqd grade level & alignment etc complete as directed.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Depression filling 1st cross road 2nd cross road Main road	1	7.00	$\left(\frac{1+1.00}{2}\right)$	0.025	2.42	Cum
		1	4.00	$\left(\frac{1+1}{2}\right)$	0.025	2.35	"
		1	3.00	$\left(\frac{1+1}{2}\right)$	0.025	2.07	"
	1st cross road from dead End Thodeappa Layout	1	15.0	$\left(\frac{5+5.4}{2}\right)$	0.025	1.95	"
		1	15	$\left(\frac{5.4+5.7}{2}\right)$	0.025	2.08	"
		1	15	$\left(\frac{5.7+5.0}{2}\right)$	0.025	2.00	"
		1	15.0	$\left(\frac{5.0+5.0}{2}\right)$	0.025	1.87	"
		1	15.0	$\left(\frac{5+5.5}{2}\right)$	0.025	1.96	"
		1	15.0	$\left(\frac{5.5+6.5}{2}\right)$	0.025	2.25	"
		1	7.0	$\left(\frac{6.5+6.5}{2}\right)$	0.025	1.13	"
	Road side drain from Opp to End	1	9.0	$\left(\frac{66.8+4.2}{2}\right)$	0.025	1.22	"

30/7

Executive Engineer
Pyatharayanapura Dvn
Yelahanka Zone, B...
Ben...

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	2nd cross road SWM

Executive
Pyatharayan
Yelahanka
Ben...

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(1+1.00/2)	0.025	2.42	cum
(1+1/2)	0.025	2.35	"
(1+1/2)	0.025	2.07	"
(5+5.4/2)	0.025	1.95	"
(5.4/2) x0.025		2.98	"
5.0) x0.025		2.00	"
+5.0/2) x0.025		1.87	"
+5.5/2) x0.025		1.96	"
5+5.5/2) x0.025		2.25	"
5+5.5/2) x0.025		1.13	"
+4.2/2) x0.025		1.22	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258026

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	2nd cross road from SWM towards main road	1	15.0	(4.2+4.2/2)	0.025	1.57	cum
		1	15.0	(4.2+4.4/2)	0.025	1.61	"
		1	8.50	(4.4+4.4/2)	0.025	0.93	"
		1	15.0	(5+4.5/2)	0.025	1.78	"
		1	15.0	(4.5+5.0/2)	0.025	1.78	"
		1	12	(5.0+5.0/2)	0.025	1.87	"
		1	15	(5+5/2)	0.025	1.82	"
		1	15	(5+4.8/2)	0.025	1.82	"
		1	15	(4.8+4.8/2)	0.025	1.80	"

30/7

Executive Engineer
Vijayanagarapura Division
Yelahanka ... Urb, B.B.M.P.
Bangalore - 560 064

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main road from 3rd CVS to Main road AT Measured 30/7/16 Checked. Rs: 30/7 Ring road adjoining farm road Pot holes	1 x	4.0 x $\frac{(4.8+4.8)}{2}$		x 0.025	0.48	cum
		1 x 15.0 x	$\frac{(7.5+7.2)}{2}$		x 0.025	2.75	"
		1 x 15.0 x	$\frac{(7.2+6.8)}{2}$		x 0.025	2.62	"
		1 x 15.0 x	$\frac{(6.8+6.2)}{2}$		x 0.025	2.43	"
		1 x 15.0 x	$\frac{(6.2+6.2)}{2}$		x 0.025	2.32	"
		1 x 5.0 x	$\frac{(6.2+6.2)}{2}$		x 0.025	2.32	"
		1 x 8.0 x	$\frac{(7.7+7.7)}{2}$		x 0.025	1.54	"
		1 x 8.0 x	$\frac{(4+4)}{2}$		x 0.025	0.80	"
		1 x 4.0 x	$\frac{(7.6+7.8)}{2}$		x 0.025	4.62	"
		4 x 2.0 x	$\frac{(2.5+2.5)}{2}$		x 0.025	1.75	"
		9 x 3.0 x	$\frac{(2.7+2.5)}{2}$		x 0.025	2.56	"
					Total	61.54	cum

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency

Date of commencement of work .....

Date	Full description, etc, of work
1	2
20	Road marking with engineered chalk reflective thermoplastic sheeting 3m broad road 3m core road continued 5/a 3m & 4m CVS 4m cross road 10m CVS road continued

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	0.23	2.55 cum	
		= kg.	
		3.06 Qtl	
		2.55 Qtl	
		= kg	20445.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258029

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
17)	Providing & removing propping etc complete as directed, as per item no. (17)	certain,	shuttering,	shuttering,		10.27	Spot
		as per	258064	- - -		9.04	Spot
				Limited to		= kg	2622.00
		@ kg. 290/-					=
18)	Lead for disposal at carriage rate as directed as per item no(18)	debris shall be payable by mechanical means.	as per	258062	- - - -	226.42 cum.	
				Limited to		217.20 cum	
		@ kg. ~~19330~~ 89/-				= kg.	19330.00

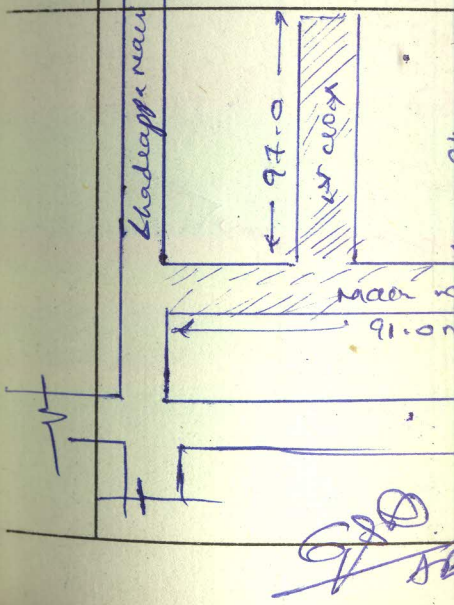
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Grand total Amount = Rs.				1957156.00
	Certificate						
	1) The work is completed satisfactorily.						
	2) The contractor has cleared the debris using his own vehicle						
	3) There are no defects noticed to this date.						
	28/7/16.						
	Measurements ACCEPTED						
	K. Harisha						

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಕೊಡಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಡಿ.ಎ.
ಬೆಂಗಳೂರು - 560092

culvert at 2nd main
Serial No. Istimate
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2



OK

Depth 6	Contents 7	Reference to last Measurement 8
Amount = Rs.		1957156.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258030

culvert at 2nd Nala

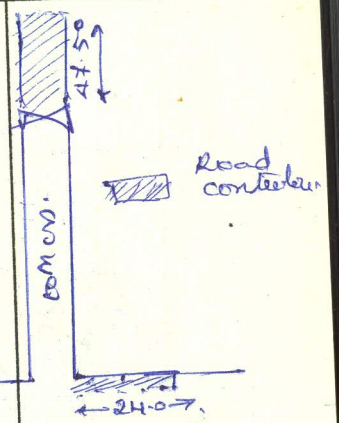
Serial No. Ishangal

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Khadiyagi Nala						
	97.0 1st work						
	94.0 2nd work						
	2nd CM						
	Main road						
	91.0m						
	Datta Reg road						



ಕಂದಾಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಕೂಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

ಕೂಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2